



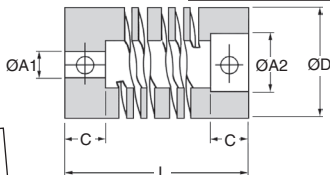
BS2

Couplings for servo-motors

Torque: **0.2 to 40Nm**

- **Multidirectional flexibility**
- High precision
- High torsional rigidity
- Single piece construction
- Backlash free
- 6 beams (except BS21 which has 3)
- Working temp -40°C to +120°C
- Max. speed: 5,000 rpm
- Material:
Aluminium 6082
- **Pre-bore is not toleranced**

Set screw
fixing



Applications

- Encoders, optical systems
- Automated systems, step motors
- Continuous or intermittent use

Assembly

- Dimension "C" must not be exceeded



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-6%	On request

Part number	ØD	L	C	Set screw	Misalignment		Torsional rigidity (Nm/Rad)	Max. torque (Nm)		
					Radial (mm)	Angular		shock and reversing	non reversing	peak torque
BS21	6,4	12,7	3,2	M2	0,07	3°	1,53	0,20	0,26	0,4
BS22	9,5	19,6	5,3	M2,5	0,12	3°	1,8	0,50	0,66	1,0
BS23	12,7	22,9	6,5	M3	0,17	5°	14	1,00	1,33	2,0
BS24	19,1	26,5	6,5	M4	0,25	7°	46	2,65	3,53	5,3
BS25	25,4	38,1	11,0	M5	0,38	7°	108	5,00	6,66	10,0
BS266	31,8	57,2	16,0	M6	0,50	7°	225	7,50	10,00	15,0
BS27	38,1	66,7	18,0	M6	0,60	7°	315	11,00	14,66	22,0
BS29	50,8	95,3	25,0	M8	0,90	7°	666	20,00	26,66	40,0

Part number	ØA1 x ØA2		ØA1 x ØA2		ØA1 x ØA2 Standard Bores (H8)	Stock*	Price each 1 to 4	
	Pre-bores	Min.	Max.	Std bores and pre-bores			Std bores and pre-bores	Modified bore
BS21	1,5 x 2,0	1 x 2	3 x 3	-	✓	26,90 €	32,28 €	
BS22	2,0 x 2,8	2 x 4	4,76 x 4,76	3, 18 x 4	-	29,66 €	35,61 €	
BS23	2,5 x 4,5	3 x 5	6,35 x 6,35	6 x 6	✓	32,35 €	38,83 €	
BS24	2,5 x 5,8	4,76 x 6,35	10 x 10	5 x 6 6 x 6 10 x 10	✓	40,32 €	48,39 €	
BS25	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6	✓	44,86 €	53,83 €	
BS266	6,0 x 10,0	8 x 9,53	16 x 16	-	✓	58,82 €	70,59 €	
BS27	8,0 x 12,0	8 x 12	22 x 22	-	✓	75,37 €	90,45 €	
BS29	10,0 x 16,0	10 x 16	28 x 28	-	-	On request	On request	

*Depending on availability - Dimensions in mm



Couplings for servo-motors



Torque: **0.22 to 73Nm**

- **Multidirectional flexibility**
- High precision
- High torsional rigidity
- Single piece construction
- Backlash free
- 6 beams (except BS21 which has 3)
- Working temp -40°C to +120°C
- Max. speed: 5,000 rpm
- Material:
Stainless steel 303
- **Pre-bore is not tolerated**

stainless steel

Set screw fixing



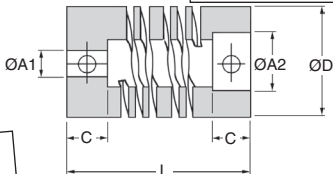
Applications

- Encoders, optical systems
- Automated systems, step motors
- Continuous or intermittent use

Assembly

- Dimension "C" must not be exceeded

STANDARD BORES IN STOCK



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	ØD	L	C	Set screw	Misalignment		Torsional rigidity (Nm/Rad)	shock and reversing	non reversing	peak torque
					Radial (mm)	Angular				
BS31	6,4	12,7	3,2	M2	0,07	3°	1,53	0,22	0,30	0,45
BS32	9,5	19,6	5,3	M2,5	0,12	3°	5,4	0,75	1,00	1,50
BS33	12,7	25,4	6,5	M3	0,17	5°	25	1,50	2,00	3,00
BS34	19,1	28,0	6,5	M4	0,25	7°	72	4,00	5,33	8,00
BS35	25,4	38,1	11,0	M5	0,38	7°	170	8,00	10,66	16,00
BS36	31,8	57,2	16,0	M6	0,50	7°	364	12,50	16,66	25,00
BS37	38,1	66,7	18,0	M6	0,60	7°	634	18,00	22,50	36,00
BS39	50,8	95,3	25,0	M8	0,90	7°	1305	36,50	48,66	73,00

Part number	ØA1 x ØA2		ØA1 x ØA2		ØA1 x ØA2 Standard Bores (H8)	Stock*	Price each	
	Pre-bores	Min.	Max.	Std bores and pre-bores			Std bores and pre-bores	Modified bore
BS31	1,5 x 2,0	1 x 2	3 x 3	-	✓	46,73 €	56,07 €	
BS32	2,0 x 2,8	2 x 4	4,76 x 4,76	-	✓	39,19 €	47,03 €	
BS33	2,5 x 4,5	3 x 5	6,35 x 6,35	6,35 x 6,35 4 x 4	✓	50,98 €	61,18 €	
BS34	2,5 x 5,8	4,76 x 6,35	10 x 10	10 x 10 5 x 9,53	✓	55,24 €	66,29 €	
BS35	3,5 x 7,5	5 x 8	12,70 x 12,70	8 x 8	✓	87,29 €	104,74 €	
BS36	6,0 x 10,0	8 x 10	19 x 19	-	✓	128,15 €	153,77 €	
BS37	8,0 x 12,0	8 x 12	22 x 22	-	✓	164,44 €	197,33 €	
BS39	10,0 x 16,0	10 x 16	28 x 28	-	-	On request	On request	

*Depending on availability - Dimensions in mm

Our other products



RPB

Ball screw bearing unit, Support



RFK38B

Hypoid gearbox -
Stainless steel, up to
200 Nm



HBM

Adjustment bushing
for half-rail guide,
Adjustment bushing



LRRA

Latch with locking
system, Aluminium



PRF-P

Aluminium profile feet
support, For feet or
casters



F7-SF-SM

Multifunction display,
Mounting bracket for
front mounting



LBE

Miniature closed
linear bearing,
Miniature



CHAsb63

Hinge without pin,
Polymer pin hinge



SBF

Sealed flange bearing
unit for Food Industry,
cover



LWL

Linear ball slide -
Stainless steel balls,
Chariot - from 514 N



UCP_PBT

Stainless/Polymer
pillow block bearing,
Polymer and stainless



CFF

Female rod ends DIN
ISO12240-4, Steel /
bronze

Complementary products



BC2

Panamech, Multi-
Beam, Aluminium -
with clamping jaw



BC3

Panamech, Multi-
Beam stainless steel,
Stainless steel - with clampin...